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PTO/SB/05 (08-00)

Approved for use through 10/31/2002 OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**
(Only for new nonprovisional applications under 37 CFR § 1.53(b))

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17) (in duplicate)
(Submit an original, and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 429]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Brief Description of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 26]
1
- Unexecuted Declaration [Total Pages 2]

 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR § 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76. (3 pages)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

See Application Data Sheet for priority information Continuation Divisional Continuation-in-Part (CIP) of prior application
No:

Prior application information: Examiner:

Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 22195 Correspondence address below

NAME			
ADDRESS			
CITY	STATE		ZIP CODE
COUNTRY	TELEPHONE		FAX
NAME (Print/Type)	Registration No. (Attorney/Agent) <u>40,302</u>		
SIGNATURE	<u>Kenley Kc. Hebover</u> Date: December 20, 2001		

1 Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to fill this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.



FEE TRANSMITTAL for FY 2002

(Substitute form)

Patent fees are subject to annual revision.

Total amount of payment

\$776.00

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Part 1 of 1

PTO/SB/17 (11-09)

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Complete if Known

Application Number	Not assigned
Filing Date	Concurrently Herewith
First Named Inventor	FISCELLA et al.
Examiner Name	Not assigned
Group Art Unit	Not assigned

Attorney Docket Number PT124P1

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
Deposit Account Number 08-3425
Deposit Account Name Human Genome Sciences, Inc.

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:
 Check Credit Card Money Order Other*

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) \$740.00

2. EXTRA CLAIM FEES

Total Claims	-2*	Extra Claims	Fee from below	Fee Paid
22	-2*	2	\$18.00	36.00
Independent Claims	2	-3*	0	\$84.00

Multiple Dependent \$280.00

Large Entity	Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)
103	18	203	9
			Claims in excess of 20
102	84	202	42
			Independent claims in excess of 3
104	280	204	140
			Multiple dependent claim, if not paid
108	84	209	42
			** Reissue independent claims over original patent
110	18	210	9
			** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 36.00

* or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 SurchARGE - late filing fee or cash	
127	50	227	SurchARGE - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
142	1,280	242	640 Utility issue fee (or reissue)	
195	300	195	300 Publication fee for early, voluntary, or normal publication	
179	740	279	370 Request for Continued Examination (RCE)	
098	130	098	130 Processing fee, except in provisional applications	
126	180	126	180 Submission of Information Disclosure Statement	
123	50	123	50 Processing fee for provisional applications	
146	740	246	370 Filing a submission after final rejection (37 CFR 1.12(g))	
149	740	249	370 For each additional invention to be examined (37 CFR 1.12(h))	
145	100	145	100 Certificate of correction	
147	2,520	147	2,520 Request for ex parte reexamination	
099	8,800	999	8,800 Request for inter partes reexamination	
148	110	248	55 Statutory disclaimer	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
122	130	122	130 Petitions to the Commissioner	
140	110	240	55 Petition to revive unavoidably abandoned application	
141	1,280	241	640 Petition to revive unintentionally abandoned application	
091	1,280	091	1,280 Acceptance of an unintentionally delayed claim for priority	
561	3	561	3 Printed copy of patent, regular service	
581	40	481	40 Recording each patent assignment per property (times number of properties)	

Other fee (specify):

Other fee (specify):

Other fee (specify):

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$ 0.00

Submitted By

Name (Print/Type) Kenley K. Hoover

Complete (if applicable)

Signature:

Registration No.: 40,302 Telephone | 301-610-5771

Date: December 20, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2384.

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